

**Abstract of the Invention**

A system and method that can detect tampering with and verify the authenticity of data capture data in a value dispensing system is provided. Audit records are generated at the beginning and end of an audit period that include register values, a time stamp, and a digital signature. The audit records and data capture data are sent to a data center for signature verification and reconciliation of the value dispensing system usage by comparing the register values from the audit records with the values as contained within the data capture data for the audit period. If there are no discrepancies, the data capture data is deemed to be accurate and the data can be utilized to prepare reports with a high degree of certainty that it accurately reflects the actual usage of the value dispensing system.